

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1-9 (cancelled)

Claim 10 (currently amended) A method for forming an improved field emission display device, comprising the steps of:

providing a screen; and

simultaneously applying a phosphor material and a binder on said screen, said binder material holding said phosphor material to said screen, said binder material comprising a conductive material.

Claim 11-12 (canceled)

Claim 13 (original) A method according to claim 10 wherein said binder material is selected from the group including: tin(II) 2-ethylhexanoate, tin (IV) isopropoxide, tin(II) oxalate, titanium (IV) ethoxide, zinc 2,4-pentane dionate, zinc acetate, and zinc oxalate.

Claim 14 (previously presented) A method according to claim 10 wherein said binder material is selected from the group including: poly(propylene carbonate), poly(propylene carbonate) and poly(ethylene Carbonate).

Claim 15 (original) A method according to claim 10 wherein said binder material is selected from the group including: polyvinyl alcohol, potassium silicate, and ammonium silicate.

Claim 16 (original) A method according to claim 10 wherein the glass screen is coated with transparent conducting film selected from the group including: indium tin oxide (ITO), zinc oxide (ZnO), tin oxide (SnO<sub>2</sub>) doped with antimony (Sb), cadmium oxide (CdO), and cadmium tin oxide (Cadmium stannate) Cd<sub>2</sub>SnO<sub>4</sub>.

Claim 17 (original) A method according to claim 10 wherein the binder material is an organomettallic compound selected from the group including: cadmium (Cd), titanium (Ti), zinc (Zn), tin (Sn), indium (In), antimony (Sb), tungsten (W), niobium (Nb), further comprising the step of heating said binder material to form conductive and/or semiconductive oxides.

Claim 18 (original) A method according to claim 10 wherein said binder material is transparent.

Claim 19 (original) A method according to claim 10 wherein said binder material is heated to remove any organics and leave behind a conducting or semiconducting oxide which binds the phosphor particles to each other and to the glass screen.

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Claim 20 (currently amended) A method for forming a field emission display device, comprising:

providing a faceplate comprising a transparent screen having at least one side;  
applying a transparent conductor to said side of said screen;  
simultaneously applying a layer of phosphor and conductive binder material to said transparent conductor, said binder material holding said phosphor to said transparent conductor;  
providing a baseplate comprising;  
a base electrode;  
a plurality of conical field emission cathodes having a base and a tip, the bases of said field emission cathodes being disposed on said base electrode; and  
a grid electrode disposed proximal the tips of said field emission cathodes;  
positioning the baseplate proximal said side of said screen so that said baseplate is spaced apart from said faceplate; and  
providing a vacuum gap between said faceplate and said baseplate.

Claim 21 (currently amended) A method for forming a field emission display device, comprising:

providing a faceplate comprising a transparent screen having at least one side;  
applying a transparent conductor to said side of said screen;  
simultaneously applying a layer of phosphor and semiconductive binder material  
to said transparent conductor, said binder material holding said phosphor  
to said transparent conductor;  
providing a baseplate comprising:  
a base electrode  
a plurality of conical field emission cathodes having a base and a tip, the  
bases of said field emission cathodes being disposed on said base  
electrode; and  
a grid electrode disposed proximal the tips of said field emission cathodes;  
positioning the baseplate proximal said side of said screen so that said baseplate is  
spaced apart from said faceplate; and  
providing a vacuum gap between said faceplate and said baseplate.